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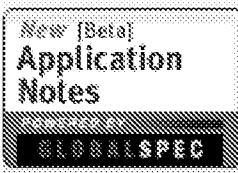
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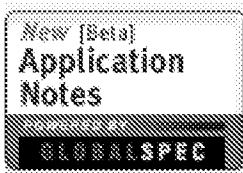
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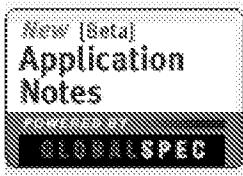
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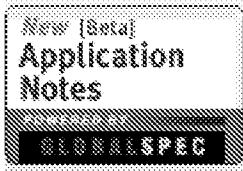
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1. Blind channel identification and equalization using periodic modulation analysis

Chevreuil, A.; Serpedin, E.; Loubaton, P.; Giannakis, G.B.; [Signal Processing, IEEE Transactions on](#) [see also [Acoustics, Speech, and S](#)

[Transactions on](#)] Volume 48, issue 6, June 2000 Page(s):1570 - 1586

Digital Object Identifier 10.1109/78.845916

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2. Full-diversity full-rate complex-field space-time coding

Xiaoli Ma; Giannakis, G.B.;

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3. Linear constellation precoding for OFDM with maximum multipath diver:

Zhiqiang Liu; Yan Xin; Giannakis, G.B.;

[Communications, IEEE Transactions on](#)

Volume 51, issue 3, March 2003 Page(s):416 - 427

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4. Joint coding-precoding with low-complexity turbo-decoding

Zhengdao Wang; Shengli Zhou; Giannakis, G.B.;

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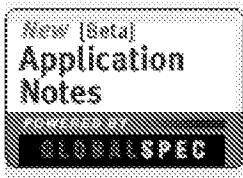
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1. Redundant filterbank precoders and equalizers. II. Blind channel estimation direct equalization
 Scaglione, A.; Giannakis, G.B.; Barbarossa, S.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing on]
 Volume 47, Issue 7, July 1999 Page(s):2007 - 2022
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2. New Algorithms for Blind Block Synchronization in Zero-Padding System
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Acoustics, Speech and Signal Processing, 2007. ICASSP 2007. IEEE International Conference on Volume 3, 15-20 April 2007 Page(s):III-237 - III-240
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3. Redundant filterbank precoders and equalizers: unification and optimal
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Communications, 1998. ICC '98. Conference Record. 1998 IEEE International Conference on Volume 1, 7-11 June 1998 Page(s):21 - 25 vol.1
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4. Self-recovering multirate equalizers using redundant filterbank precoder
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Acoustics, Speech and Signal Processing, 1998. Proceedings of the 1998 IEEE International Conference on Volume 6, 12-15 May 1998 Page(s):3501 - 3504 vol.6
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5. Redundant filterbank precoders and equalizers. I. Unification and optimality
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1. Equalization methods in OFDM and FMT systems for broadband wireless Benvenuto, N.; Tomasin, S.; Tomba, L.; Communications, IEEE Transactions on Volume 50, issue 9, Sept. 2002 Page(s):1413 - 1418 Digital Object Identifier 10.1109/TCOMM.2002.802571 AbstractPlus | References | Full Text: [PDF\(300 KB\)](#) [IEEE JNL Rights and Permissions](#)

2. A dynamic rate uplink multiple access scheme based on FMT modulation Benvenuto, N.; Tomasin, S.; Vehicular Technology Conference, 2004. VTC 2004-Spring, 2004 IEEE 59th Volume 2, 17-19 May 2004 Page(s):909 - 913 Vol.2 Digital Object Identifier 10.1109/VETECS.2004.1388962 AbstractPlus | Full Text: [PDF\(639 KB\)](#) [IEEE CNF Rights and Permissions](#)

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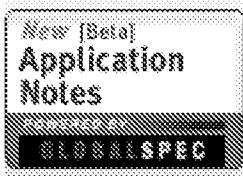
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TOMASIN, Stefano / BENVENUTO, Nevio (KONINKLIJKE P N.V.), *PATENT COOPERATION TREATY APPLICATION*, Mar 2004
patno:WO04023750
...for use in a filterbank-based modulation...transformating-mc receiver...fast-fourier-transformating module (FFT). For making loop, which coding...at least one feedback loop, and then intro IFFT, a filterbank with an impulse...Nq- 1, and a FFT. To derive Full text available at patent office. For more in-depth sear [similar results](#)
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TOMASINI, Stefano / BENVENUTO, Nevio (KONINKLIJKE P N.V.), *PATENT COOPERATION TREATY APPLICATION*, Mar 2004
patno:WO04023750
...receiver. Such a filterbank-based modulation...transformatin which receiver...fast-fourier-transformating module (FFT). For n system filterbank-based, a filtering-module...sender after said modules...further-filtering-module in at least one feedback loop Full text available at patent office. For more in-depth sear similar results
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3. [Wireless communication system having error-control coder and](#)
Giannakis, Georgios B. / Wang, Zhengdao / Zhou, Shengli (University of Minnesota), *UNITED STATES PATENT AND TRADE PATENT*, Jul 2007
patno:US7251768
...the OFDM symbol size), IFFT, and cyclic prefix insertion...De- post-FFT data, i.e., the demodulated...real dimension. Since the transform...Gaussian. Although the FFT is an orthogonal transfo achieved by precoders satisfying the full diversity...
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- 7. [Space-time doppler coding schemes for time-selective wireless communications](#) Giannakis, Georgios B. / Ma, Xiaoli (Regents of the University of California)
UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT
patno:US7280604
Space-time Doppler (STDO) coding techniques are described for t particular, a STDO coded system is capable of achieving a maximally flat channel. As demonstrated herein, Full text available at patent office. For more in-depth search similar results
- 8. [IEEE SIGNAL PROCESSING MAGAZINE, VOL. 17, NO. 3, MAY 2000](#) Apr 2006
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Pat. Num./Pub. Num: /20050259755

Issue Date: 00/00/0000

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Third Level Review: NO Secrecy Order: NO

Oral Hearing: NO

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Inventor Information for 10/526869

Inventor Name	City	State/Country
TOMASIN, STEFANO	VENICE	ITALY
BENVENUTO, NEVIO	MOGLIANO VENETO	ITALY

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Last Name = TOMASIN

First Name = STEFANO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10525597	Not Issued	41	02/25/2005	Frequency-domain decision feedback equalizing device and method	TOMASIN, STEFANO
10526869	Not Issued	30	03/04/2005	Fliterbank modulation system with pre-equalization	TOMASIN, STEFANO
10842699	Not Issued	71	05/10/2004	Frequency-domain multi-user access interference cancellation and nonlinear equalization in CDMA receivers	TOMASIN, STEFANO
11192503	Not Issued	71	07/29/2005	Channel estimation for interference cancellation	TOMASIN, STEFANO
11192769	Not Issued	93	07/29/2005	TRAFFIC INTERFERENCE CANCELLATION	TOMASIN, STEFANO
11192787	Not Issued	30	07/29/2005	Adaptation of transmit subchannel gains in a system with interference cancellation	TOMASIN, STEFANO
11193546	Not Issued	41	07/29/2005	Joint interference cancellation of pilot, overhead and traffic channels	TOMASIN, STEFANO
60638666	Not Issued	159	12/23/2004	Traffic interference cancellation at the BTS on a CDMA reverse link	TOMASIN, STEFANO

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Inventor Name Search Result

Your Search was:

Last Name = BENVENUTO

First Name = NEVIO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
06816578	4677423	150	01/06/1986	ADPCM CODER-DECODER INCLUDING PARTIAL BAND ENERGY TRANSITION DETECTION	BENVENUTO, NEVIO
06927503	4815137	150	11/06/1986	VOICEBAND SIGNAL CLASSIFICATION	BENVENUTO, NEVIO
06927506	4815136	150	11/06/1986	VOICEBAND SIGNAL CLASSIFICATION	BENVENUTO, NEVIO
07271961	Not Issued	166	11/16/1988	CLASSIFIER FOR HIGH SPEED VOICEBAND DATA SIGNALS	BENVENUTO, NEVIO
07534321	4979211	150	06/05/1990	CLASSIFIER FOR HIGH SPEED VOICEBAND DIGITAL DATA MODEM SIGNALS	BENVENUTO, NEVIO
09571727	Not Issued	161	05/15/2000	Multistandard reception apparatus with cascaded multistage-structured numerical filters	BENVENUTO, NEVIO
10525597	Not Issued	41	02/25/2005	Frequency-domain decision feedback equalizing device and method	BENVENUTO, NEVIO
10526869	Not Issued	30	03/04/2005	Filterbank modulation system with pre-equalization	BENVENUTO, NEVIO
10810620	Not Issued	161	03/29/2004	Method of bit and power loading in OFDM communication systems with modulation and coding adaptation	BENVENUTO, NEVIO
10842699	Not Issued	71	05/10/2004	Frequency-domain multi-user access interference cancellation and nonlinear equalization in CDMA receivers	BENVENUTO, NEVIO

Inventor Search Completed: No Records to Display.

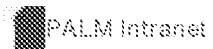
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